

Converting Colors

XYZ(38.7651, 34.7547, 40.0015)

Have a look what the booklet for
XYZ(38.7651, 34.7547, 40.0015)
contains.

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Color

**XYZ(38.6204, 34.6241,
39.7696)**

Conversions

Conversions Part 1

Format	Color
Hex	BF93A4
RGB	191, 147, 164
RGB Percent	75%, 58%, 64%
CMY	0.2510, 0.4235, 0.3569
CMYK	0.00, 0.23, 0.14, 0.25
HSL	337°, 26%, 66%
HSV	337°, 23%, 75%
XYZ	38.6204, 34.6241, 39.7696
YIQ	162.0940, 20.7670, 14.6150

Conversions

Conversions Part 2

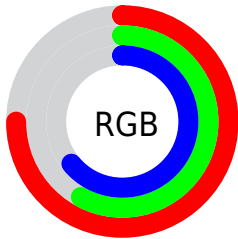
Format	Color
R_{YB}	191, 147, 164
Decimal	12555172
CIE _{Lab}	65.45, 19.24, -2.52
CIE _{LCh}	65, 19.402, 352.524
Y _{xy}	34.6241, 0.3417, 0.3064
Android (android.graphics.Color)	4290745252 (0xFFBF93A4)
Y _{UV}	162.0940, 0.9397, 25.3506
Hunter-Lab	58.8422, 14.1824, 1.1174

Details

The XYZ color **38.6204, 34.6241, 39.7696** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.3048, 46.5215, 47.0072**, and the grayscale version is **34.3764, 36.1666, 39.3855**.

A 20% lighter version of the original color is **72.3842, 66.8442, 76.1050**, and **17.4240, 14.8540, 17.2780** is the 20% darker color. If you saturate the color by 10%, you get **34.8832, 28.7661, 33.5399**, and if you desaturate by 10%, it is **42.9503, 41.5105, 46.6791**.

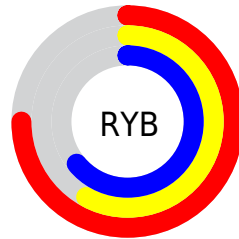
Distribution



Red (75%)

Green (58%)

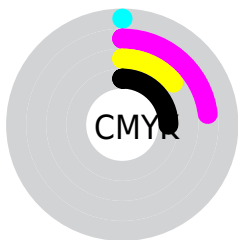
Blue (64%)



Red (75%)

Yellow (58%)

Blue (64%)

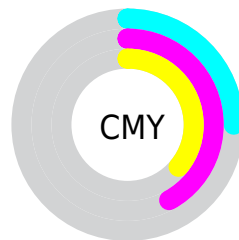


Cyan (0%)

Magenta (23%)

Yellow (14%)

Black (25%)



Cyan (25%)


Magenta (42%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.6204, 34.6241, 39.7696 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 38.6204, 34.6241, 39.7696 by changing the saturation by 10% instead.

 38.6204, 34.6241,
39.7696


 38.6204, 34.6241,
39.7696

331.5089,
322.9060, 360.6747

 26.6439, 23.3735,
27.0465


 72.3558, 66.9030,
76.0458

 17.4412, 14.8695,
17.3754


 94.8456, 88.7001,
100.4360

 10.6468, 8.7279,
10.3377


121.5704,
114.7814, 129.5523

 5.8954, 4.5641,
5.5149

152.8957,
145.5315, 163.8133

 2.8216, 1.9939,
2.4885

189.1869,
181.3345, 203.6375

 1.0602, 0.6039,
0.8340

230.8092,

 0.0000, 0.0000,

222.5750, 249.4434

0.0000

278.1281,
269.6374, 301.6496

■ 38.6204, 34.6241,
39.7696

■ 38.6204, 34.6241,
39.7696

■ 34.8832, 28.7661,
33.5399

■ 42.9503, 41.5105,
46.6791

■ 31.7087, 23.8820,
27.9658

■ 47.8951, 49.4670,
54.2869

■ 29.0689, 19.9196,
23.0249

■ 53.4794, 58.5384,
62.6138

■ 26.9319, 16.8198,
18.6924

■ 59.7256, 68.7658,
71.6787

■ 25.2621, 14.5165,
14.9416

■ 66.6551, 80.1882,
81.4999

■ 24.0192, 12.9337,
11.7434

■ 72.1447, 88.5559,
91.3806

■ 23.1550, 11.9806,
9.0651

■ 73.8883, 89.2534,
100.5627

■ 22.7149, 11.5680,
7.4767

■ 75.2960, 89.8165,
107.9755

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



37.4316, 34.6241, 48.0281



38.6204, 34.6241, 39.7696



38.2104, 34.6241, 32.0255

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



38.6204, 34.6241, 39.7696



30.8632, 34.6241, 25.0301



29.7000, 34.6241, 51.5091

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



38.6204, 34.6241, 39.7696



38.3048, 46.5215, 47.0072

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



28.1224, 34.6241, 44.0075



38.6204, 34.6241, 39.7696



28.7665, 34.6241, 28.9697

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



38.6204, 34.6241, 39.7696



33.6242, 34.6241, 24.2328



27.7907, 34.6241, 35.7030



32.2044, 34.6241, 55.4110

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



38.6204, 34.6241, 39.7696



37.0961, 34.6241, 28.0943



27.7907, 34.6241, 35.7030



29.0498, 34.6241, 49.2775

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



38.6214, 34.6257, 39.7703



82.0338, 82.5496, 91.5198



37.1611, 33.5606, 53.8099



17.8943, 17.9347, 19.9134



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.6214, 34.6257, 39.7703



65.4211, 56.1157, 65.0446



37.8846, 35.4467, 32.4508



9.6786, 9.5957, 10.6966



14.9646, 7.6170, 5.1073



0.6184, 0.3112, 0.3696

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



38.6214, 34.6257, 39.7703



65.4211, 56.1157, 65.0446



39.1233, 45.3367, 55.9795



9.6786, 9.5957, 10.6966



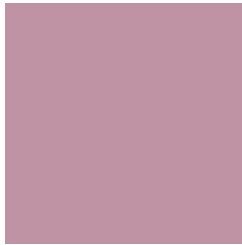
14.9646, 7.6170, 5.1073



0.6184, 0.3112, 0.3696

Previews

White Background



This preview shows how the XYZ color 38.6204, 34.6241, 39.7696 looks on a white background.

Color Contrast Check

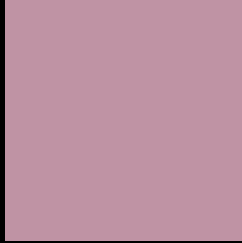
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 38.6204, 34.6241, 39.7696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

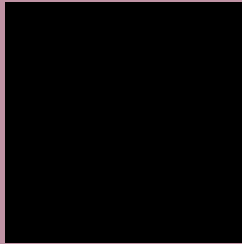
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.6204, 34.6241, 39.7696

Background



This preview shows how black text looks on a background with the XYZ color 38.6204, 34.6241, 39.7696.



This preview shows how white text looks on a background with the XYZ color 38.6204, 34.6241,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

38.6204, 34.6241, 39.7696

Protanopia

33.8756, 34.7649, 43.4529

Deuteranopia

35.4000, 34.6398, 39.4707



Tritanopia

38.0831, 34.6302, 37.4780

Trichromacy



Original Color

38.6204, 34.6241, 39.7696

Protanomaly

35.4181, 34.5963, 41.8568

Deuteranomaly

36.4999, 34.4809, 39.3821

Tritanomaly

38.2581, 34.7002, 38.3996

Monochromacy



Original Color

38.6204, 34.6241, 39.7696

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.9014, 35.6425, 39.6378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6204, 34.6241, 39.7696 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(191, 147, 164)` looks like.

```
.text, #text, p{  
    color:rgb(191, 147, 164)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(191, 147, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 147, 164) }
```

Border

The CSS property to change the border of an element to XYZ 38.6204, 34.6241, 39.7696 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 147, 164) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(191, 147, 164) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(191, 147, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 147, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 147, 164);  
box-shadow:4px 4px 4px 4px rgb(191, 147,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6204, 34.6241, 39.7696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 147, 164) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(191,  
147, 164) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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